



PATENT  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Carl M. Mahabir et al.

Docket No. 202TR008A

Serial No.: 10/618,556

Art Unit No.: 3752

Filed: July 11, 2003

Examiner:

Customer No.: 37535

For: CARBON BLACK-CONTAINING CROSSLINKED POLYETHYLENE PIPE HAVING  
RESISTANCE TO CHLORINE AND HYPOCHLOROUS ACID

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below as first class mail in an envelope addressed to: COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450, on

Date of Deposit: 10/14/03  
Cathy Bartel  
Cathy Bartel

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to the duty of disclosure under 37 CFR §1.56 and in accordance with the Rules of Practice set forth under 37 CFR §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed below:

U.S. Patents

<u>Patent No.</u>	<u>Inventor</u>	<u>Issue Date</u>
4,117,195	Swarbrick et al.	September 26, 1978
4,614,208	Skarelius	September 30, 1986
5,756,023	Stachowiak	May 26, 1998
6,284,178	Russell et al.	September 4, 2001

Foreign Publications/Patents

<u>Country</u>	<u>Publication/Patent No.</u>	<u>Publication/Issue Date</u>
PCT	WO 99/49254	September 30, 1999
PCT	WO 99/57474	November 11, 1999

Publications

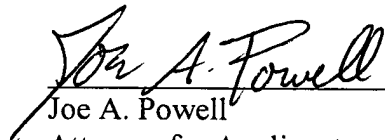
- Standards Australia, AS 2492-1994, "Cross-Linked Polyethylene (PE-X) Pipe For Hot And Cold Water Applications", pgs. 5-28.
- P. Vibien, et al., "Chlorine Resistance Testing of Cross-Linked Polyethylene Piping Materials".

3. Cabot Corporation, Technical Report - S-115, December 2000, "The Role Of Carbon Black Morphology In Reducing UV Oxidation Of Linear Low Density Polyethylene Films", pgs. 1-11.
4. Cabot Corporation, Technical Report - S-131, December 2002, "Carbon Black Dispersion", pgs. 2-16.

It is respectfully requested that the foregoing information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned with an indication that such information has been considered. Applicants believe that no fee is due.

However, the Commissioner is authorized to charge Deposit Account No. 50-1501 for any fee due herewith of which Applicants are unaware. A duplicate of the transmittal letter is enclosed.

Respectfully submitted,

  
\_\_\_\_\_  
Joe A. Powell  
Attorney for Applicants  
Reg. No. 28,108

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Date: 13 OCT. 2003  
201TR046AIDS.doc

## INFORMATION DISCLOSURE

### STATEMENT BY APPLICANT

(Use several sheets if necessary)



ATTY. DOCKET NO.

202TR008A

SERIAL NO.

10 / 618.556

**APPLICANT**

Carl M. Mahabir et al.

FILING DATE

July 11, 2003

GROUP

3752

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

		1.	Standards Australia, AS 2492-1994, "Cross-Linked Polyethylene (PE-X) Pipe For Hot And Cold Water Applications", pgs. 5-28.
		2.	P. Vibien, et al., "Chlorine Resistance Testing of Cross-Linked Polyethylene Piping Materials".
		3.	Cabot Corporation, Technical Report - S-115, December 2000, "The Role Of Carbon Black Morphology In Reducing UV Oxidation Of Linear Low Density Polyethylene Films", pgs. 1-11.
		4.	Cabot Corporation, Technical Report - S-131, December 2002, "Carbon Black Dispersion", pgs. 2-16.

EXAMINER

DATE CONSIDERED



**PATENT**

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Carl M. Mahabir et al. )  
Serial No.: 10/618,556 ) **Attorney Docket No: 202TR008A**  
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For: **CARBON BLACK-CONTAINING CROSSLINKED POLYETHYLENE PIPE HAVING**  
**RESISTANCE TO CHLORINE AND HYPOCHLOROUS ACID**

**Commissioner for Patents**  
**P.O. Box 1450**  
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**CERTIFICATE OF MAILING**

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10/14/03  
Date of Deposit

Cathy Bartel  
Cathy Bartel

Sir:

Transmitted herewith is/are the following document(s) related to the above-identified application:

Acknowledgment of Receipt Card  
Information Disclosure Statement  
Form PTO-1449 and References Cited

X Charge any additional fees except issue fee or credit overpayment to Deposit Account 50-1501. **A DUPLICATE OF THIS SHEET IS ENCLOSED.**

Respectfully submitted,

Joe A. Powell  
Joe A. Powell  
Reg. No. 28,108

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